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**From:** David Zoldoske [mailto:david\_zoldoske@csufresno.edu]

**Sent:** Friday, October 17, 2003 3:30 PM

**To:** Dabbs, Paul

**Subject:** water plan update/comments

Paul Dabbs,

I would like to make several general comments on the California Water Plan Update 2003. First, I think the general overall scope of effort should be commended.

Second, I would encourage you to consider several additional thoughts.

1) I was unable to determine anywhere in the document a link between irrigation method and impact on air quality. I would encourage studies that investigate the relationship between, for instance, tractor use, chemical use, and dust creation between a drip and flood irrigation systems. I think the differences would be enlightening.

2) Since pumping energy is used in nearly all of irrigated agriculture, some discussion on how renewables like solar might fit into the portfolio. There may be significant opportunities to trade out diesel for solar. Some of this already occurring. Again, significant impact on air quality.

3) Finally, more discussion on how the irrigation system selection impacts run-off waivers and other issues now facing growers.

I think my underlying message is to look beyond just water use efficiency and explore third party impacts. And then feed those impacts back into the decision making process on how to proceed.

regards

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